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Solar Panel Guide Specification Data Sheet

Znshine PV-tech Co., Ltd.

ZXM6-TD72-335-370

ZXM6-TD72-350

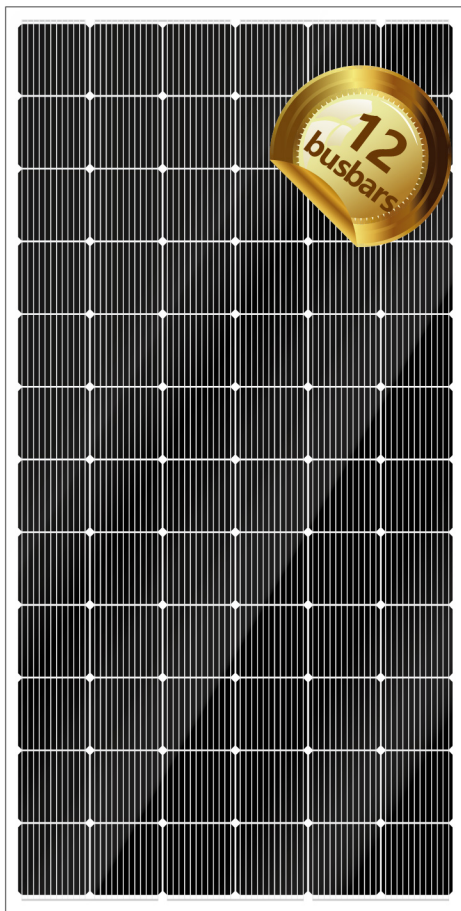
Also available on the web at
EnergyPal.com/znshine-pv-tech-co-ltd-solar-panels/zxm6-td72-350



ZNSHINESOLAR

ZXM6 | D72 Cells

12-busbar double-glass mono module 335-370 Watt



Features:

Good Low-light performance

Excellent performance under low-light environments.

High efficiency

Dense busbars shorten the current conduction distances between bars and lower serial resistance; increases 7-8W power output.

Minimize Crack Effect

Collected more current, almost no power generation efficiency lose by internal cells cracked.

Improve reliability

Improve product reliability; minimize the probability of pressure and battery fragmentation caused by thermal stress.

Longer lifetime

Minimize the heat resistance due to internal cracks, bringing longer life span and less attenuation.



High Efficiency

High module efficiency up to 18.86%



Linear Warranty

30-year-linear warranty on outputs



Good weather resistance, Better anti-EL ability

Good weather resistance, Better anti-EL ability



Higher capacity in all life cycle, Lower power attenuation, Longer lifespan, less maintenance costs

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Lower carbon emissions, more environmental-friendly way of recycling

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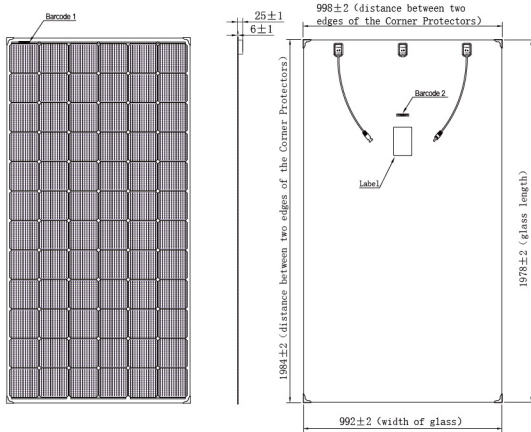
System Certification

ISO 9001
ISO 14001
OHSAS 18001

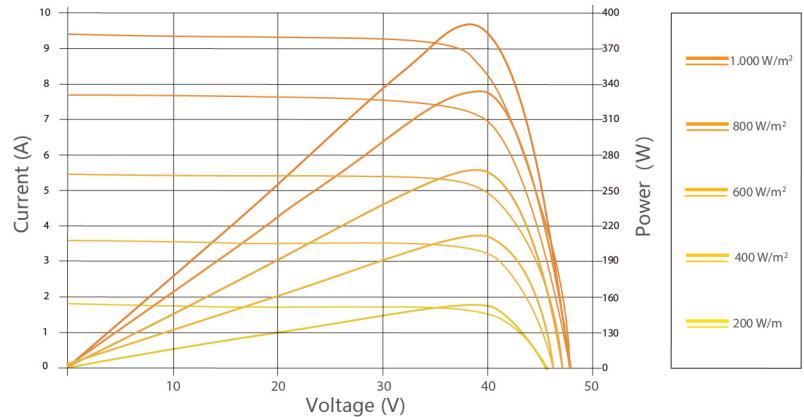


ZXM6 TD72/335-370

Dimension of the PV module



I-V Curves of the PV module



Electrical data

Model	ZXM6-TD72-335	ZXM6-TD72-340	ZXM6-TD72-345	ZXM6-TD72-350	ZXM6-TD72-355	ZXM6-TD72-360	ZXM6-TD72-365	ZXM6-TD72-370
Nominal Power Watt $P_{max}(W_p)$	335	340	345	350	355	360	365	370
Power Output Tolerance $P_{max}(\%)$	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage $V_{mp}(V)$	37.77	38.09	38.38	38.68	38.97	39.26	39.55	39.84
Maximum Power Current $I_{mp}(A)$	8.87	8.93	8.99	9.05	9.11	9.17	9.23	9.29
Open Circuit Voltage $V_{oc}(V)$	46.60	46.81	47.02	47.23	47.44	47.65	47.86	48.07
Short Circuit Current $I_{sc}(A)$	9.41	9.47	9.53	9.59	9.65	9.71	9.77	9.83
Module Efficiency $\eta_m(\%)$	17.07	17.33	17.58	17.84	18.09	18.35	18.60	18.86

Mechanical data

Solar cells	Mono 156×156 / 156.75×156.75 mm
Cells orientation	72 (6×12)
Module dimension	1978×992×25 mm(Frameless,JB Included)
Weight	28 kg
Glass	2.0mm/2.5mm heat strengthened glass
Junction box	IP 68, 3 diodes
Cables	4 mm ² , 350 mm
Connectors	MC4-compatible

Temperature ratings

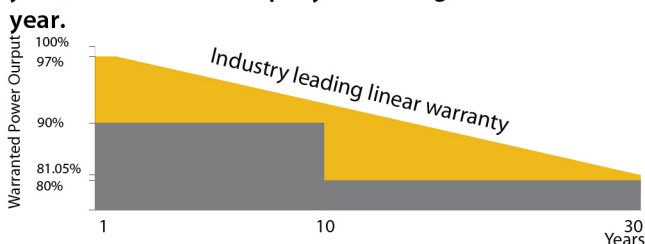
Nominal Operating Cell Temperature	45°C ±2°C
Temperature coefficient of P_{max}	-0.41%/K
Temperature coefficient of V_{oc}	-0.29%/K
Temperature coefficient of I_{sc}	0.04%/K

Working conditions

Maximum system voltage	1000 / 1500 V DC
Operating temperature	-40°C~+85°C
Maximum series fuse	15 A
Maximum load (snow/wind)	5400 Pa / 2400 Pa

Warranty information

30 years output warranty(monocrystalline): 3.0% in the 1st year, thereafter 0.55% per year ending with 81.05% in the 30th year.



Packaging information

Modules per box	33 pcs.
Modules per 40' HQ container	726 pcs.

Measurement Tolerance STC: ±3% (P_{max}), ±10% (V_{mp} , I_{mp} , V_{oc} , I_{sc}). Values at Standard Test Conditions STC(Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C) | Remark: please read safety and installation instructions before using the product | Subject to change without prior notice © ZNSHINE SOLAR 2017 | Version: ZXM6-TD72-1805.E